

Title (en)

Device for capturing material during dry ice blasting

Title (de)

Vorrichtung zum Auffangen von Material bei Trockeneisstrahlen

Title (fr)

Dispositif de capture de matériau durant le sablage de glace sèche

Publication

EP 2305425 B1 20121121 (EN)

Application

EP 09012616 A 20091005

Priority

EP 09012616 A 20091005

Abstract (en)

[origin: EP2305425A1] The invention relates to a device for capturing of material during a dry ice blasting decontamination process and is characterized by - a blasting gun (10) - an outer shroud (4), open to the cleaning surface (2), closed to the sides and having an opening at the top for the blasting gun (10) and one or more suction adapters (12) - an inner baffle (14) rigidly fixed to the outer shroud 4 and mounted onto the stem of the spray gun (10), opened to the cleaning surface (2), closed to the sides and closed to the top creating a gap near the surface (2) allowing the ablated material to be sucked into the hollow between outer shroud (4) and inner baffle (14)

IPC 8 full level

B24C 1/00 (2006.01); **B24C 9/00** (2006.01)

CPC (source: EP)

B24C 1/003 (2013.01); **B24C 9/003** (2013.01)

Cited by

CN102335879A; CN106425875A; CN110653221A; US2017232461A1; EP3984697A1; US11644759B2; WO2014031179A1; US10792788B2; WO2023219827A3; WO2022167386A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2305425 A1 20110406; EP 2305425 B1 20121121

DOCDB simple family (application)

EP 09012616 A 20091005